



US Army Corps  
of Engineers  
Buffalo District

1776 Niagara Street  
Buffalo, New York 14207-3199

# Notice to Navigation Interests

Notice No. \_\_\_\_\_

Date \_\_\_\_\_


Waterway \_\_\_\_\_

Lake Erie, Ohio

CELRB-CO-PS

## Condition of Federal Navigation Channel Vermilion Harbor and River, Vermilion, Ohio

1. Condition surveys performed within the Federal Navigation channel at Vermilion Harbor, New York during the months of May and June 2000, indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawing.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Vermilion Harbor consisting of one (1) sheet, OOS-VER-1/1, at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo or, USAED-B. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: Physical Support Branch, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number of copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain copies of the CADD files used in preparation of the prints, see page 4 of this notice for instructions on downloading the appropriate files.
5. Buffalo District's point of contact in reference to the exact number of sheets, file numbers, and the availability of any later information pertaining to the area is Donald E. Borkowski, P.E., Chief of the Physical Support Branch, Buffalo District, and may be contacted by phone at 716-879-4284.

  
DONALD E. BORKOWSKI, P.E.  
Chief  
Physical Support Branch

Attachment

REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS LESS THAN 400 FEET WIDE)  
(ER 1130-2-316)

PAGE 2 OF 4 PAGES

DATE

TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS,  
DATED

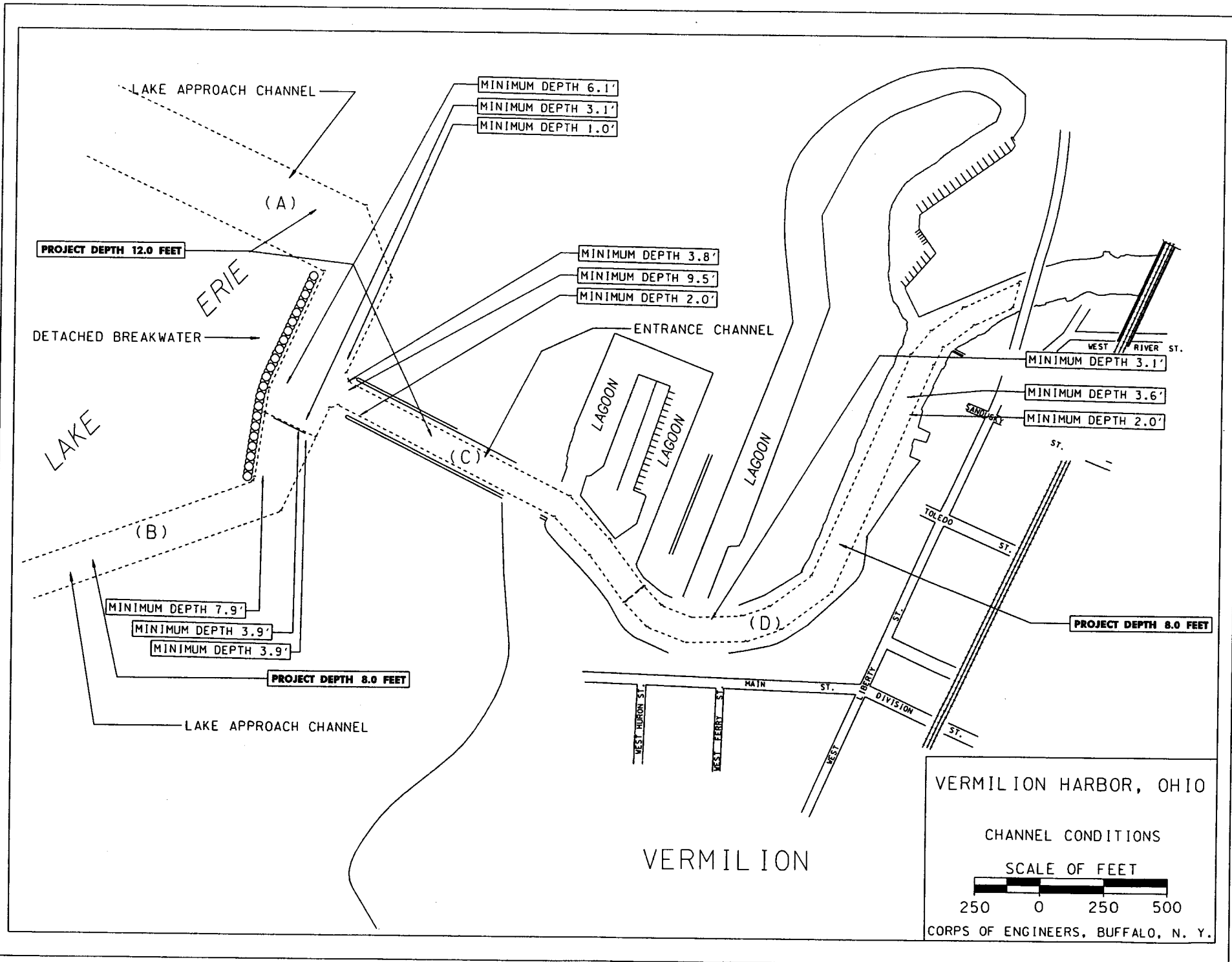
FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT  
1776 NIAGARA STREET, BUFFALO, NY 14207-3199  
(716) 879-4292 FAX (716) 879-4357

RIVER/HARBOR NAME AND STATE  
VERMILION HARBOR, VERMILION, OHIO

MINIMUM DEPTHS IN CHANNEL ENTERING  
FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL	
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)		MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
(A) EAST LAKE APPROACH CHANNEL	JUNE 2000	250-300	1200 (a)	12	1.0	3.1	6.1
(B) WEST LAKE APPROACH CHANNEL	JUNE 2000	150-220	1000 (a)	8	7.9	3.9	3.9
(C) ENTRANCE CHANNEL	MAY 2000	100	1500	12	3.8	9.5	2.0
(D) VERMILION RIVER CHANNEL	MAY 2000	80-100	450 (b)	8	3.1	3.6	2.0

REMARKS: (a) LENGTHS VARY DEPENDING ON THE LOCATIONS OF THE 12 AND 8 FOOT CONTOURS IN LAKE ERIE.



# INSTRUCTIONS ON DOWNLOADING CADD FILES

All CADD files used in the production of the sounding drawings are in Microstation format.

To obtain a copy of these files, follow the following steps, using a web browser,

- 1) After opening your browser, the location that needs to be entered is <http://\corpsgeo1.usace.army.mil>.
- 2) On the left side of the page is a button called "Locate Metadata", click on that button.
- 3) You should then see a page titled "Locate Metadata" and click on the button "National Geospatial Data Clearinghouse".
- 4) The next page is titled "Geospatial Data Clearinghouse Entry Points" with a picture and several locations to click on. Pick "FGDC".
- 5) The following page is titled "FGDC Entry Point to Geospatial Data Clearinghouse" with 3 methods for searching for the spatial data. Click on the first one called "Search Clearinghouse sites using an enhanced forms-based interface".
- 6) This page is titled "clearinghouse search". On this page you will be setting your criteria for search for the data. The recommended way to search for the Buffalo Districts data is to scroll down on this page until you get the section titled "Search in Full-text (Anywhere) or by Field". In the box "Search for" put in the harbor name, for example, Buffalo. In the box "in the field", set that to "anywhere".
- 7) Next scroll down further until you get to a section titled "Select Data Servers to Search" and select "U.S. Army Corps of Engineers". Leave the remainder of the boxes at the defaults and click on "Search the Clearinghouse".
- 8) You should now see a page titled "clearinghouse status". On this page, you should see a message that the search is in progress and a chart telling you about the status of the search. When it is complete, the chart will state the number of results. Then you can click on the words "View records".
- 9) You should now be at a page titled "clearinghouse results" with a list of the results. Depending upon the individual harbor, the number of results may vary, and the one on the bottom of the list will be the latest file. Click on "View the full record". The full metadata will now be available for viewing.
- 10) The next page will let you click and go to the various sections of the metadata file. Click on "Distribution Information" and scroll down to the area for "Network\_Resource\_Name" and click on the URL name. This will bring you to a page telling you that the file you have requested is ready to be downloaded. Follow the instructions and download the file for your use.

If you have any problems with this procedure, please call Mr. Kelly Maccarone, at the Buffalo District, tel: 716-879-4285, or Mr. Chad Adams, Cold Regions Research Engineering Laboratory [CRREL], tel: 603-646-4320.